### BS EN 12004-1:2017



## **BSI Standards Publication**

## Adhesives for ceramic tiles

Part 1: Requirements, assessment and verification of constancy of performance, classification and marking



BS EN 12004-1:2017

#### National foreword

This British Standard is the UK implementation of EN 12004-1:2017. It supersedes BS EN 12004:2007+A1:2012 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee B/539, Ceramic tiles and other rigid tiling.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2017. Published by BSI Standards Limited 2017

ISBN 978 0 580 88364 4

ICS 83.180; 91.100.10

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 28 February 2017.

Amendments/corrigenda issued since publication

Date Text affected

## EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN 12004-1

February 2017

ICS 83.180; 91.100.10

Supersedes EN 12004:2007+A1:2012

#### **English Version**

# Adhesives for ceramic tiles - Part 1: Requirements, assessment and verification of constancy of performance, classification and marking

Colles à carrelage - Partie 1: Exigences, évaluation et vérification de la constance de performance, classification et marquage

Mörtel und Klebstoffe für keramische Fliesen und Platten - Teil 1: Anforderungen, Bewertung und Überprüfung der Leistungsbeständigkeit, Einstufung und Kennzeichnung

This European Standard was approved by CEN on 28 November 2016.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION COMITÉ EUROPÉEN DE NORMALISATION EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

© 2017 CEN All rights of exploitation in any form and by any means reserved worldwide for CEN national Members.

Ref. No. EN 12004-1:2017 E

Contents		Page
Europ	European foreword4	
Intro		
1		
2	•	
3		
3 3.1		
3.2		
3.3		
3.4		
3.5	* * * * * * * * * * * * * * * * * * *	
3.6	Characteristics	8
4	Product characteristic	9
4.1		
4.2		
4.3		
4.4		
4.4.1		
4.4.2		
4.4.3		
4.4.4		
4.5 4.6		
5	2 0	
6	Assessment and verification of constancy of performance (AVCP)	14
6.1		
6.2		
6.2.1		
6.2.2 6.2.3		
6.2.4		
6.3		
6.3.1	• • • • • • • • • • • • • • • • • • • •	
6.3.2		
6.3.3	<u> </u>	
6.3.4	Initial inspection of factory and of FPC	22
6.3.5	Continuous surveillance of FPC	22
6.3.6		22
6.3.7	One-off products, pre-production products (e.g. prototypes) and products produced in very low quantity	23
7	Classification and designation	23
8	Marking and labelling	26